

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE APR 2002

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Marathon Oil Co.

3. Address and Telephone No.

PO Box 552 Midland, Texas 79702-0552

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 15 28N 11W

Unit Letter L 1610' FSL 880' FWL

5. Lease Designation and Serial No.

NM-020498

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

OHIO Government

8. Well Name and No.

2-E

9. API Well No.

30-045-24334

10. Field and Pool, or Exploratory Area

11. County or Parish, State

San Juan

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attachments

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14. I hereby certify that the foregoing is true and correct

Signed

Randy Blackmon

Title

P&A Supervisor

Date

3-27-02

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

4/18/02

PLUG AND ABANDONMENT PROCEDURE

OHIO GOVERNMENT 2-E
DAKOTA
SEC. 15, T28N, R11W
SAN JUAN, NEW MEXICO

NOTE: ALL CEMENT VOLUMES USE 100% EXCESS OUTSIDE PIPE AND 50' EXCESS INSIDE PIPE. THE STABILIZING WELLBORE FLUID WILL BE 8.34 PPG, SUFFICIENT TO BALANCE ALL EXPOSED FORMATION PRESSURES.

1. INSTALL AND TEST RIG ANCHORS. PREPARE BLOW PIT. COMPLY WITH ALL NMOC, BLM, AND MARATHON REGULATIONS.
2. MOL AND RU. CONDUCT SAFETY MEETING WITH ALL PERSONNEL ON LOCATION. NU RELIEF LINE. BLOW DOWN WELL, AND DILL WITH H2O IF NECESSARY. ND WELLHEAD AND NU BOP AND TEST.
3. TOOH. RIH W/GAUGE RING TO 5150'. SET CIBP @ 5150'.
4. RIH WITH 2 3/8" TUBING & TAG CIBP @ 5150'. LOAD HOLE & PRESS TEST TO 500 PSI.
5. PLUG #1 5150'-5050'. 8 SX.. PU TO 4150'.
6. PLUG #2 (MESA VERDE: (4150'-4050')). 12 SX . POOH. STAND 1950' TUB IN DERRICK. PERF @ 2008'. TIH W/RET SET @ 1958'.
7. PLUG #3 7" CASING SHOE, PC, FRUITLAND: (2008'-1450'). 168SX (44 SX ABOVE RET & 124 SX BELOW. POOH. PERF @ 770'. TIH W/RET SET @ 720'.
8. PLUG #4 KIRTLAND (720'-~~620'~~⁰³⁰). ~~27~~^{500'} SX (~~8~~⁴⁴ SX ABOVE RET & ~~19~~¹⁶ BELOW). POOH. PERF BOTH STRINGS @ 100'.
9. PLUG #5 259'-SURFACE. 40 SX.

ND BOP & RD FLOOR. DIG CELLAR AND CUT OFF WELLHEAD. TOP OFF CASING STRINGS AS NEEDED. RD AND MOL. CUT OFF ANCHORS AND INSTALL DRY HOLE MARKER.

PREPARED BY RANDY BLACKMON
P&A SUPERVISOR
KEY ENERGY SERVICES

PROPOSED WELL BORE DIAGRAM
OHIO GOVERNMENT 2-E

563" 9 5/8" CSNG IN 12 1/4" HOLE
CMNT W/270 SX. CIRC TO SURFACE

PLUG #5: 100'-SURFACE. 40 SX

1958' 7" IN. 8 3/4" HOLE.
CMNT W/250 SX

050 500'
PLUG #4: KIRTLAND: 770'-~~670'~~ RET @ 720'
67' 27' SX. (*16* 6 SX ABOVE RET & *48* 48 SX BELOW)

PLUG #3: 7" CSNG SHOE, PC, FRUITLAND:
2008'-1450'. RET @ 1958'. 168 SX (44 SX ABOVE
RET & 124 SX BELOW)

PLUG #2: MESA VERDE: 4150'-4050': 12 SX

4 1/2" CSNG IN 6 1/4" HOLE SET @ 6406'.
W/725 SX.

PLUG #1: 5150'-5050': 8 SX

CIBP @ 5150'

CIBP @ 6025' W/50' CMNT CAP & 255' SAND

< >

< >

6333'



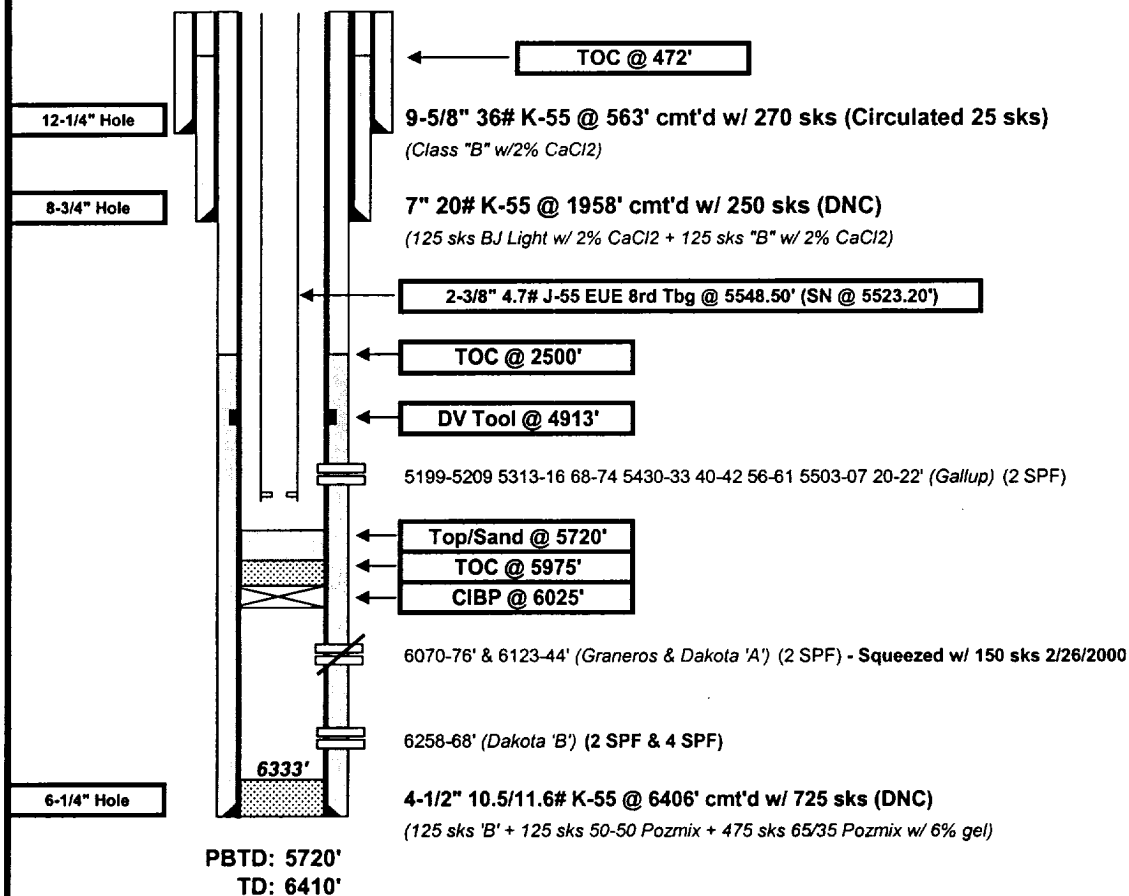
MARATHON OIL COMPANY
MID-CONTINENT REGION
MIDLAND OPERATIONS NORTHWEST NEW MEXICO

FIELD: KUTZ CANYON
LEASE: OHIO GOVERNMENT
COUNTY: SAN JUAN

DATE: 01/15/2002
BY: TL CHASE
WELL: 2-E
STATE: NEW MEXICO

API: 30-045-24334
SPUD DATE: 08/07/80
FINISHED DRILLING: 08/25/80
LOCATION: 1610' FSL & 880' FWL, SECTION 15, TOWNSHIP 28N, RANGE 11W, UNIT LETTER "L"

GL = 5625'
KB = 5635'
COMPLETED: 05/14/81



Well History

Sep/Oct '80 Perf'd Dakota 'B' (2 SPF) @ 6260-68'. Acddz w/ 420 gal xylene. Flowed 1700 MCFPD + 20 BCPD + 7 BWPD. Isolated perfs w/ CIBP. Perf'd Dakota 'A' (2 SPF) @ 6123-44'. Acddz w/ 1000 gal Resistol acid & 1750 gal 7-1/2% HCl acid w/ 750 gal xylene. Frac'd perfs 6123-44' w/ 50,000 gal cross-linked gel w/ 73,000# 20-40 sand. Set cement retainer @ 6090'. Perf'd Graneros (2 SPF) @ 6070-76'. Acddz w/ 1000 gal Resistol acid & 1000 gal 7-1/2% HCl acid. Frac'd 6070-76' w/ 18,000 gal cross-linked gel & 23,400# 20-40 sand. D/O cement retainer & CIBP. C/O to 6333'. Flow tested next 3 months.

Jan '81 Set Baker K1 cement retainer @ 6245'. Returned to flow testing w/ Baker 'R' packer in hole.

May '81 POOH LD packer. Returned to flowing. Established IP of 161 MCFPD @ 205# TP thru 32/64" choke.

July '83 Well died. Could not swab the well to flow.

Nov '92 Set CIBP @ 6030'. Loaded hole with corrosion inhibited water. Well TA'd.

Feb/Mar '00 DO CIBP @ 6030'. Squeezed perfs 070-6144' w/ 150 sks. DO & test squeeze. DO cmt retainer & pushed to 6332'. Ran 2-7/8" tbg but couldn't pump in to perfs 6260-68'. Perf 6258-66' w/ 4 SPF w/ strip gun. Frac'd Dakota perfs 6258-68' w/ 19,600# 20/40 sand in 12,240 gallons x-link gel @ 22 BPM & 5000 psi. ISIP 2220 psi. Flow tested gas & 6-10 BPH water. POOH w/ tbg. Set CIBP @ 6025'. Circulated well w/ 2% KCl water & corrosion inhibitor. Well TA'd.

Jun '01 Dmpd 50' cmt on CIBP @ 6025'. Perf'd Gallup (2 SPF) @ 5199-5209 5313-16 68-74 5430-33 40-42 56-61 5503-07 20-22'. Acddz same w/1750 gal 15% Hcl. Frac'd same w/1344 gal GBW w/2683# 20-40 Brady sand. Left top of sand @ 5720'. Installed tbg. Ret to prod flwg.